



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

647.7916
Job Sheet 169397



Part No: 647.7916

Job Qty: 10 ea

Part Name: Bracket



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 12/8/17

Job Tracking No:

Due Date: 1/12/18

Created By: Mario Poulin

Type: Steel

Description:

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	10 Ea	1/11/18	1/11/18	0.00	0.00	Start Up Waterjet		DL 17/12/27
110	Waterjet	10 pcs	1/11/18	1/11/18	0.00	0.45	Waterjet1		DL 17/12/27
120	QC	10 pcs	1/11/18	1/11/18	0.00	0.00	QC2 Waterjet-1		DL 17/12/27
130	QC	10 pcs	1/11/18	1/11/18	0.00	0.00	QC8-1		38
140	Brake NC	10 pcs	1/11/18	1/11/18	0.00	0.64	Brake NC 1		DAS 18
150	QC	10 pcs	1/11/18	1/11/18	0.00	0.00	QC5		38
160	Outsource	10 pcs	1/11/18	1/11/18	0.00	0.00	Outsource4		AT 17/02/07
170	Packaging	10 pcs	1/11/18	1/11/18	0.00	0.00	Packaging2		AT 17/02/07
180	QC	10 pcs	1/11/18	1/11/18	0.00	0.00	QC5		38 FEB 12 2018
190	SprayPaint	10 pcs	1/12/18	1/12/18	0.00	0.48	Spray Paint		38
200	QC	10 pcs	1/12/18	1/12/18	0.00	0.00	QC14		38
210	Packaging	10 pcs	1/12/18	1/12/18	0.00	0.00	Packaging3-1		DAS 21 CCK 116
220	QC21-SA	10 Ea	1/12/18	1/12/18	0.00	0.00	QC21		9-88 FEB 13 2018

Part Op 110 - 1-Cut as per Dwg Dwg Rev: NIC Prog Rev: NIC 2-Deburr if necessary

Descriptions: 160 - ISSUE P/O: D35807 HARD ANODIZE, COLOR BLACK AS PER DWG. (SEE NOTE 2)

190 - PRIME IAW MIL-P-23377J TYPE1 CLASS N AS PER DWG. (SEE NOTE 2) CARDINAL 4860-50 PRIMER
BATCH: _____

210 - ***IDENTIFY AS PER APICAL MPP-120 BY STAMPING P# AND REV***

JAN 17 2017

Job Allocations

Operation	Component Part	Required	Inventory	Allocated	Std Qty
90-Start up Operation	M2024T3S.063	0	261	0	0

Part Specifications

Specifications could not be found.

Plex 12/8/17 3:25 PM dart.poulin.mario

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Water Jet ☐ Prod. Eng. Coord. ☐ Engineering Quality ☐ Other ☐ (QS1042) Approval _____ Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____							
Date : _____		Step #: _____		 Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7 CANADA TEL.: 1 613 632-5200 Email: sales@dartaero.com www.dartaerospace.com							
Description Work Order Deviation											
S026966 Bracket 647.7916 Start up Operation PART NO: Revision: Operation: Change No:											
Root Cause <table border="0" style="width:100%;"> <tr> <td style="width:50%;"> Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ </td> <td style="width:50%;"> No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐ </td> </tr> </table>		Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	<table border="0" style="width:100%;"> <tr> <td style="width:50%;"> Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ </td> <td style="width:50%;"> Drill Holes ☐ OTHER : _____ </td> </tr> </table>		Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Drill Holes ☐ OTHER : _____	<table border="0" style="width:100%;"> <tr> <td style="width:50%;"> Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐ </td> <td style="width:50%;"> center _____ </td> </tr> </table>		Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐	center _____
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐										
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DART AEROSPACE LTD	Work Order:	169397
Description: Bracket	Part Number:	647.7916
Inspection Dwg: 647.7900 Rev: N/C		Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

[illegible]

Measured by:	<i>DL</i>	Audited by:	<i>38</i> <i>9-88</i>	Preliminary Approval:	
Date:	<i>17/12/27</i>	Date:	<i>DEC 28 1917</i>	Date:	

Rev	Date	Change	Revised by	Approved
E	10.04.14	Added preliminary approval	KJ	



Dart Aerospace Ltd.
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Canada

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PURCHASE ORDER **PO038802**

Supplier: ATG001-VC
A.T.G. Industries Inc
731 INDUSTRIELLE ROAD
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

Attention: Lalande, Marc-Andre

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO038802

PO Date: 1/17/18

Due Date: 1/31/18

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Baker, Diane
Phone: dbaker@dartaero.com

Via: Ground

Pymt Terms: Net 30

Freight Terms:

Special Comments:

E-MAILED
JAN 30 2018

Items										
Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	170136	D2348	Wearplate (Key Way) Issue P/O: Black Anodize per Dwg D2348 Rev. C	Firmed	1/31/18	20 pcs	0 pcs	20 pcs	\$5.76/pcs	\$115.20
Line Item Note			RUSH!!!!							
2	169475	647.7811	Bracket B Issue P/O to ATG: Hard Black Anodize and Prime as per Dwg 647.7800 Rev. A	Firmed	1/31/18	10 pcs	0 pcs	10 pcs	\$15.63/pcs	\$156.30
Line Item Note			RUSH!!!!							
3	170172	647.7812	Center Plate, Upper Issue P/O to ATG: Hard Black Anodize and Prime Dwg 647.7800 Rev. A	Firmed	1/31/18	6 pcs	0 pcs	6 pcs	\$9.88/pcs	\$59.28
Line Item Note			RUSH!!!!							
4	168218	646.3011	RH Half Issue P/O to ATG: Hard Black Anodize, Color Black and Prime as Per Dwg 646.3000	Firmed	1/31/18	10 pcs	0 pcs	10 pcs	\$11.38/pcs	\$113.80
Line Item Note			RUSH!!!!							
5	168219	646.3012	Lower Guide Issue P/O to ATG: Hard Anodize, Color Black and Prime as per Dwg 646.3000	Firmed	1/31/18	10 pcs	0 pcs	10 pcs	\$21.03/pcs	\$210.30
Line Item Note			RUSH!!!!							
6	168217	646.3010		Firmed	1/31/18	6 pcs	0 pcs	6 pcs	\$11.38/pcs	\$68.28



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PURCHASE ORDER PO038802

Items										
Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
7	168018	646.3011	LH Half Issue P/O to ATG : Hard Black Anodize and Prime as per Dwg 646.3000 RH Half Issue P/O to ATG : Hard Black Anodize, Color Black and Prime as Per Dwg 646.3000	Firmed	1/31/18	4 pcs	0 pcs 4x	4 pcs AT	\$11.38/pcs (8/22/07)	\$45.52
8	168241	646.3711	Clip Issue P/O to ATG : Hard Black Anodize and Prime as per Dwg 646.3700 Rev. A	Firmed	1/31/18	12 pcs	0 pcs 12x	12 pcs AT	\$7.23/pcs (8/22/07)	\$86.76
9	168242	646.3712	Clip Issue P/O to ATG : Hard Anodize, Color Black and Prime as Per Dwg 646.3712 Rev. A	Firmed	1/31/18	12 pcs	0 pcs 12x	12 pcs AT	\$7.23/pcs (8/22/07)	\$86.76
10	168243	646.3713	Gusset Issue P/O to ATG : Hard Anodize, Color Black and Prime as per Dwg 646.3700	Firmed	1/31/18	10 pcs	0 pcs 10x	10 pcs AT	\$16.88/pcs (8/22/07)	\$168.80
11	168244	646.3714	Gusset Issue P/O to ATG : Hard Anodize, Color Black and Prime as per Dwg 646.3700 Rev. A	Firmed	1/31/18	12 pcs	0 pcs 12x	12 pcs AT	\$16.88/pcs (8/22/07)	\$202.56
12	169366	646.9810	Deflector Issue P/O to ATG : Hard Black Anodize and Prime as per Dwg 646.9800 Rev. A	Firmed	1/31/18	10 pcs	0 pcs	10 pcs	\$48.38/pcs	\$483.80
13	168275	647.0113	Strut Doubler Issue P/O to ATG : Hard anodize, Color Black and Prime as Per Dwg 647.0100 Rev. A	Firmed	1/31/18	15 pcs	0 pcs 15x	15 pcs AT	\$12.88/pcs (8/22/07)	\$193.20
14	168285	647.1510	Upper Deflector Issue P/O to ATG : Hard Black Anodize and Prime as per Dwg 647.1500 Rev. D	Firmed	1/31/18	4 pcs	0 pcs 4x	4 pcs AT	\$21.78/pcs (8/22/07)	\$87.12
15	168293	647.1713	Spacer Issue P/O to ATG :	Firmed	1/31/18	20 pcs	0 pcs 20x	20 pcs AT	\$5.38/pcs (8/22/07)	\$107.60



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PURCHASE ORDER PO038802

Items										
Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
16	169481	647.1714	Hard Black Anodize and Prime as per Dwg. 647.1700 Rev. E Plate Issue P/O to ATG :	Firmed	1/31/18	10 pcs	0 pcs	10 pcs	\$31.38/pcs	\$313.80
17	169482	647.1715	Hard Anodize and Prime as Per Dwg 647.1700 Rev. E Plate Issue P/O to ATG :	Firmed	1/31/18	10 pcs	0 pcs	10 pcs	\$31.38/pcs	\$313.80
18	169479	647.7816	Hard Black Anodize and Prime as per Dwg 647.1700 Rev. E Aft Bracket Issue P/O to ATG :	Firmed	1/31/18	10 pcs	0 pcs	10 pcs	\$7.98/pcs	\$79.80
19	169480	647.7817	Hard Black Anodize and Prime as per Dwg 647.7800 Rev. A Aft Bracket Issue P/O to ATG :	Firmed	1/31/18	6 pcs	0 pcs	6 pcs	\$7.98/pcs	\$47.88
20	169484	647.7611	Hard Black Anodize and Prime as per Dwg 647.7800 Rev. A Lower Deflector Issue P/O to ATG :	Firmed	1/31/18	6 pcs	0 pcs	6 pcs	\$13.18/pcs	\$79.08
21	169474	647.7810	Hard Black Anodize and Prime as per Dwg 647.7600 Bracket A Issue P/O to ATG :	Firmed	1/31/18	4 pcs	0 pcs	4 pcs	\$12.03/pcs	\$48.12
22	169476	647.7813	Hard Black Anodize and Prime as per Dwg 647.7800 Rev. A Center Plate, Lower Issue P/O to ATG :	Firmed	1/31/18	6 pcs	0 pcs	6 pcs	\$9.88/pcs	\$59.28
23	169477	647.7814	Hard Black Anodize and Prime as per Dwg. 647.7800 Rev. A Fwd Bracket Issue P/O to ATG :	Firmed	1/31/18	6 pcs	0 pcs	6 pcs	\$7.98/pcs	\$47.88
24	169478	647.7815	Hard Black Anodize and Prime as per Dwg. 647.7800 Rev. A	Firmed	1/31/18	6 pcs	0 pcs	6 pcs	\$7.98/pcs	\$47.88



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Items										
Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
			Fwd Bracket Issue P/O to ATG :							
25	168297	647.1817	Support RH ISSUE P/O: Hard Anodize, Color Black As Per Dwg. 647.1800 Rev. A	Firmed	1/31/18	4 pcs	0 pcs	4 pcs	\$12.63/pcs	\$50.52
						✓ 4x		AT	18/02/07	
26	169392	647.7910	Angle Bracket ISSUE P/O: Hard Anodize, Color Black and Prime as per Dwg. 647.7900 Rev.	Firmed	1/31/18	22 pcs	0 pcs	22 pcs	\$9.13/pcs	\$200.86
						✓ 22x		AT	18/02/07	
27	169393	647.7912	Clip ISSUE P/O: Hard Anodize, Color Black and Prime As Per Dwg. 647.7900	Firmed	1/31/18	8 pcs	0 pcs	8 pcs	\$10.73/pcs	\$85.84
						✓ 8x		AT	18/02/07	
28	169397	647.7916	Bracket ISSUE P/O: Hard Anodize, Color Black and Prime as per Dwg 647.7900	Firmed	1/31/18	10 pcs	0 pcs	10 pcs	\$10.48/pcs	\$104.80
						✓ 10x		AT	18/02/07	
29	169914	SWA6A-800A	Connector Bushing -Issue P/O to ATG: -ANODIZE COLOR CLEAR, PER IAW MIL- A-8625F TYPE 2 CLASS 1 WATER SEAL - Certificate of Conformity is required	Firmed	1/31/18	10 pcs	0 pcs	10 pcs	\$5.88/pcs	\$58.80
						10x			18/02/02 mrl	
30	169929	RBW6405G02131-3G-3	Bell -Issue P/O to ATG: ANODIZE COLOR CLEAR, PER IAW MIL- A-8625F TYPE 2 CLASS 1 Water seal - Certificate of Conformity is required	Firmed	1/31/18	3 pcs	0 pcs	3 pcs	\$5.76/pcs	\$17.28
									Rec'd Jan 26	
31	170021	RB877528-4-21	Cap -Issue P/O to ATG: -ANODIZE COLOR BLACK, PER IAW MIL- A-8625F TYPE 2 CLASS 2 -Certification of Conformity is required	Firmed	1/31/18	4 pcs	0 pcs	4 pcs	\$5.76/pcs	\$23.04
									Rec'd Jan 26	
32	169858	RBD29905-5	Hook -Issue P/O to ATG : PO	Firmed	1/31/18	4 pcs	0 pcs	4 pcs	\$38.63/pcs	\$154.52
						4x			18/02/02 mrl	



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PURCHASE ORDER
P0038802

Items									
Line	Item	Job	Part	Description	Status	Due	Order	Received	Balance
				-ANODIZE COLOR RED, PER IAW MIL-A- 8625 TYPE-2 CLASS-2. Water sealant -Certificate of Conformity is required					
Grand Total:									\$3,918.46
									Extended Price
									Unit Price (CAD)

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)
A022 Apical Processing
A024 process certifications
A026 certification of material conformance
A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents
A048 counterfeit parts avoidance, detection, mitigation and disposition program
A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

[Handwritten signature]

Plex 1/30/18 8:45 AM dart.baker.diane



A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 914584

Date: 06-Feb-18

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Diane Baker
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

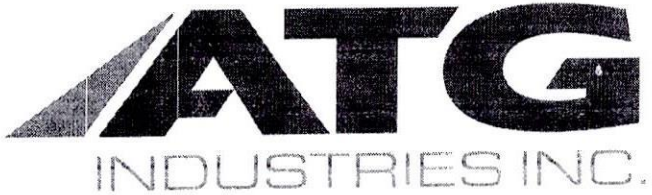
Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		OUR TRUCK	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
10 ea	Part: 647.7816 Aft Bracket Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Job: 22387		Rev: A PO: PO038802 Line: 18
6 ea	Part: 647.7817 Aft Bracket Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Job: 22388		Rev: A PO: PO038802 Line: 19
6 ea	Part: 647.7814 Fwd Bracket Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Job: 22392		Rev: A PO: PO038802 Line: 23
10 ea	Part: 647.7916 Bracket Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Job: 22397		Rev: NC PO: PO038802 Line: 28
12 ea	Part: 646.3712 Clip Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Job: 22397		Rev: A PO: PO038802 Line: 28
Made in Canada.			



A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 914584

Date: 06-Feb-18

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Diane Baker
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms

Ship Via

OUR TRUCK

Quantity

Description

- .9 mils) per drawing.
Job: 22378

PO: PO038802

Line: 9

CERTIFICATE OF CONFORMANCE

A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements.

Date:

6/2/18

Certified Signature:

Jessie Richard

Receiver Signature:

A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited.

Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt.

Made in Canada.